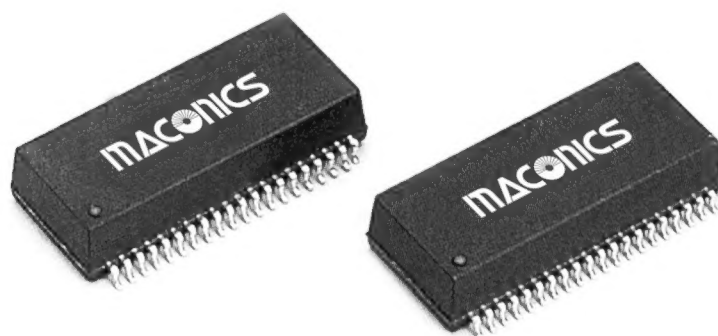


# 10/100 BASE-TX QUAD PORT TRANSFORMER MODULES



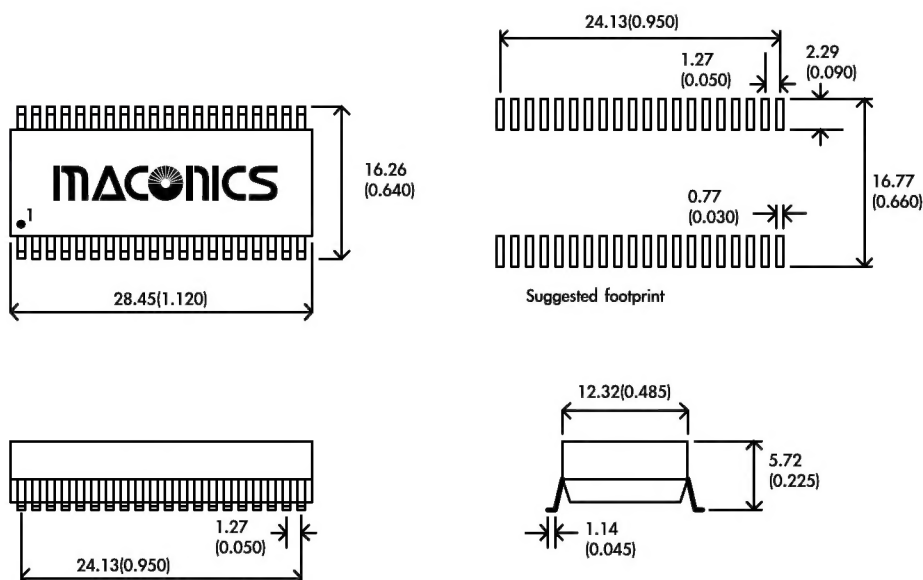
For Use with Level One's LXT974, LXT975 and LXT980 Series of PHY Solutions  
2:1 Transmit Turn Ratios Compatible



## Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Insertion Loss (dB TYP)	Return Loss (dB TYP)				Crosstalk (dB MIN)				Common to Common Rejection Ratio 0.1-60 MHz (db MIN)		Differential to Common Mode Rejection (dB MIN)	
	0.1-100 MHz	2-30 MHz	40 MHz	50 MHz	60-80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	Transmit	Receive	1-60 MHz	60-200 MHz
HS2179	-0.5	-21	-17	-14.5	-12	-60	-50	-40	-35	-30	-30	-40	-30
HS2170	-0.5	-21	-17	-14.5	-12	-60	-50	-40	-35	-30	-30	-40	-30
HS2185	-0.5	-21	-17	-14.5	-12	-60	-50	-40	-35	-30	-30	-40	-30

## Mechanical

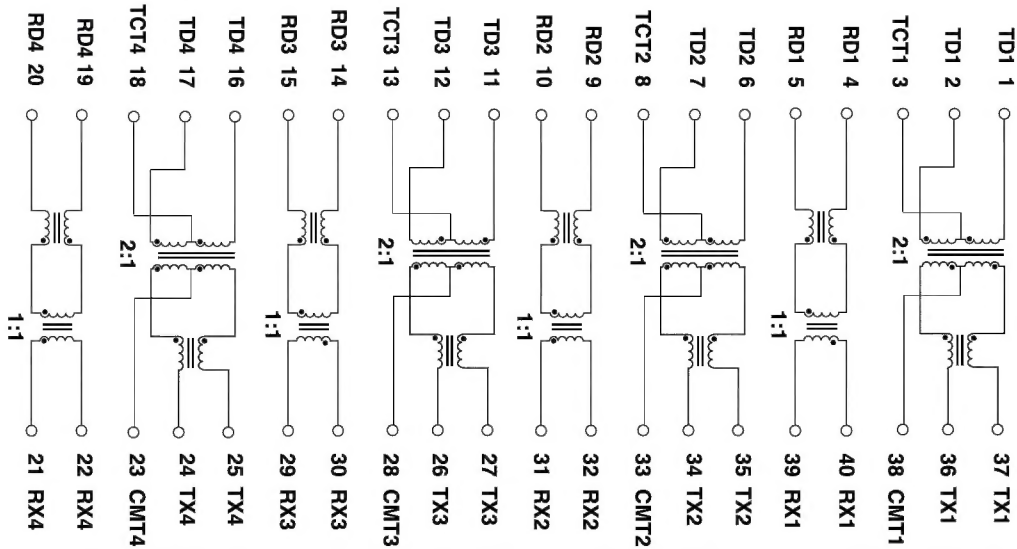


# 10/100 BASE-TX QUAD PORT TRANSFORMER MODULES

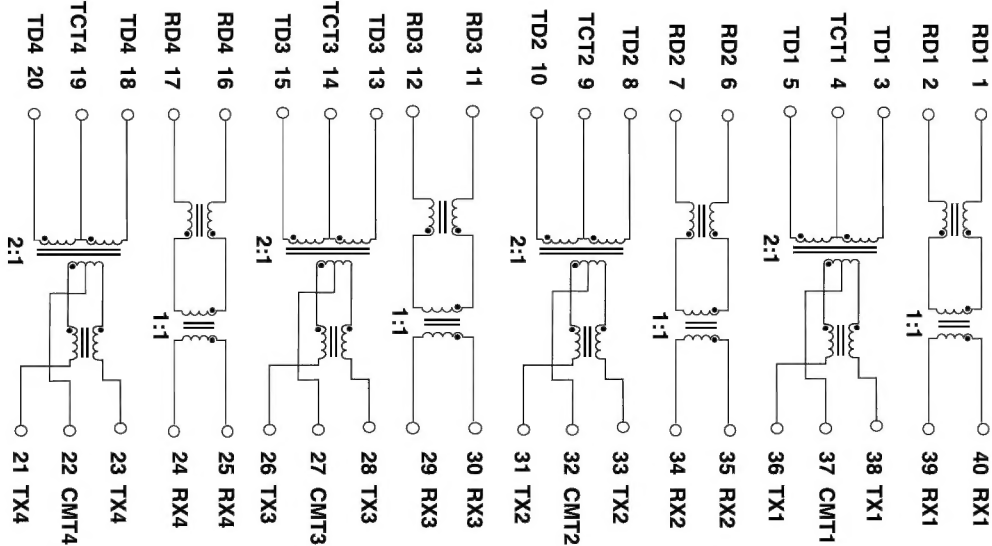
**MACONICS**  
MAGNETICS SOLUTION FOR 3C

## Schematics

HS2179



HS2170



HS2185

